

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\  
 Data File : VV018586.D  
 Acq On : 01 Oct 2020 13:03  
 Operator : SY/MD  
 Sample : L4117-16DL 10X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AA4DL

Quant Time: Oct 02 03:44:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM092920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 23:37:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 372900   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 372836   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 191089   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 69752    | 31.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 63.78%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 71746    | 39.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 79.36%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 122409   | 27.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 54.94%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 134961   | 82.73    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 82.73%  |
| 24) Chloroform-d               | 4.38    | 84    | 174775   | 36.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 73.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 119602   | 39.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 79.68%  |
| 32) Benzene-d6                 | 5.07    | 84    | 337660   | 35.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 71.50%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 109572   | 38.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 76.80%  |
| 41) Toluene-d8                 | 7.34    | 98    | 307048   | 34.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 69.12%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 53732    | 34.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.72%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 77126    | 71.16    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 71.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 143817   | 38.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 76.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 148696   | 40.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.92%  |

## Target Compounds

|                              |      |    |        |             | Ovalue |
|------------------------------|------|----|--------|-------------|--------|
| 17) trans-1,2-Dichloroethene | 2.78 | 96 | 13747  | 5.161 ug/L  | 94     |
| 20) cis-1,2-Dichloroethene   | 3.94 | 96 | 8566   | 3.026 ug/L  | 98     |
| 34) Trichloroethene          | 5.94 | 95 | 128783 | 40.498 ug/L | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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